

**CALENDAR ITEM  
INFORMATIONAL**

**69**

A	70	12/17/14 W 10442 W 16001
S	33, 34, 35	R. B. Greenwood

**STAFF REPORT ON THE  
MONITORING OF POSSIBLE SUBSIDENCE,  
LONG BEACH UNIT,  
WILMINGTON OIL FIELD,  
LOS ANGELES COUNTY**

**BACKGROUND:**

The City of Long Beach conducts surveys twice each year, in May and November, for the purpose of monitoring changes in ground elevation of the Long Beach tidelands and adjacent areas. The Commission's staff reviews and interprets the benchmark elevation data from these semi-annual surveys. This report covers benchmarks surveyed in May 2014 and compares elevation changes that have occurred since completion of the previous survey in November 2013.

Elevations throughout the Alamitos Bay, Naples, the Civic Center, Harbor District, and offshore drilling islands were stable during the six-month period. The increased number of injection wells drilled in the Harbor District appears to have mitigated elevation decreases observed in 2013 surveys.

The results of the next regular elevation survey, to be conducted in November 2014, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

**EXHIBIT:**

A. Location Map

# EXHIBIT A

W 10442  
W 16001

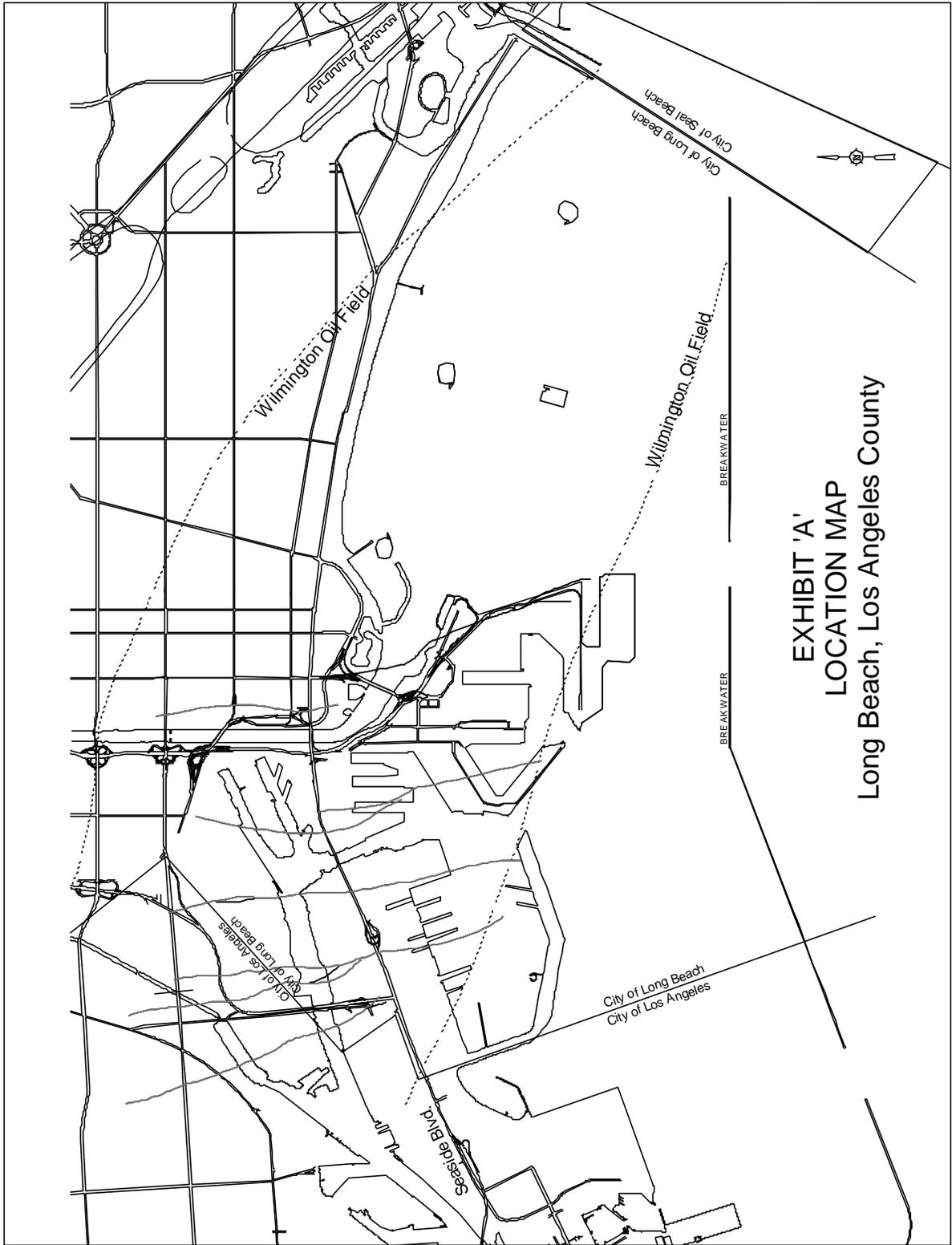


EXHIBIT 'A'  
LOCATION MAP  
Long Beach, Los Angeles County